Claims

[c1] 1.A method, comprising:
analyzing an image to recognize parts within the image; and
replacing recognized parts within the image by an indication representing the recognized part.

[c2] 2.A method as in claim 1, wherein said replacing includes providing individual part information indicative of how the recognized part within the image differs from a unit recognized part.

[c3] 3.A method as in claim 2, wherein said individual part information includes information about size and orientation of the recognized part relative to said unit recognized part.

[c4] 4.A method as in claim 2, wherein said recognized part includes geometric shapes.

[c5] 5.A method as in claim 2, wherein said recognized part includes information about the actual object represented by the part in the image.

[c6] 6.A method as in claim 5, further comprising obtaining information about subparts of the actual object.

[c7] 7. A method as in claim 6, wherein said subparts include text information.

[c8] 8.A method as in claim 5, further comprising obtaining information from the actual object about other objects which may exist in the image.

[c9] 9.An image analyzing device, comprising:
an image obtaining device, obtaining an electronic file indicative of an image;
a database, storing a plurality of image parts representing likely parts which may exist in the image; and
an image processing device, processing said electronic file to recognize parts within said electronic file that correspond to said image parts in said database, and to provide a modified electronic file, indicative of the image, which replaces said recognized parts with indications representing the recognized parts based

on information in said database.

[c10] 10.An image analyzing device as in claim 9, wherein said image processing device also produces additional information that represents how a recognized part within the image differs from a part within the database.

[c11] 11.A device as in claim 10, wherein said additional information includes information about differences in size and orientation of the recognized part.

[c12] 12.A device as in claim 10, wherein said image processing device recognizes actual objects in the image, and finds image parts in said database which correspond to said actual object.

[c13] 13.A device as in claim 12, wherein said database also stores information indicative of other objects in said image which may appear near said actual objects, and wherein said image processing device processes said electronic file to look for said other objects.

[c14] 14.A method, comprising:

analyzing an image against a database, to find portions of the image which are present in the database, and to replace said portions of the image which are present in the database with information based on said image in the database; and

storing a list of image portions which are not found in the database to be later used to update the database.

[c15] 15.A method as in claim 14, further comprising sending said list of image portions to a database developer.

[c16] 16.A method as in claim 14, wherein said analyzing comprises compressing the image using information in the database.

[c17] 17.A method as in claim 15, further comprising obtaining updates to the database from the database developer.